

## Re: VLAN with/and NATD

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/isp/2003-07/0121.html>

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**Date:** 07/26/03

Date: Sat, 26 Jul 2003 08:23:09 -0700 (PDT)  
To: Evren Yurtesen <[eyurtese@tekniikka.turkuamk.fi](mailto:eyurtese@tekniikka.turkuamk.fi)>

On Sat, 26 Jul 2003, Evren Yurtesen wrote:

> *Hi,*  
> *I would like to have a machine with 2 ethernets 1 is for outside*  
> *connection(internet) the other one is for inside connections(VLANs)*  
>  
> *Now the problem is that I want to use NAT inside VLANs that, lets say I*  
> *want to be able to use use 192.168.1.0/24 IP block in every VLAN and in*  
> *different VLAN's the same IPs should be able to be used.*

If you use the single 192.168.1.0/24 for all your VLANs, and you do not subnet it further, you don't really have multiple VLANs. You just have one.

> *Does anybody have any suggestion how to do this? I would guess that I need*  
> *multiple IP addresses in the outside interface but how do I map the VLAN*  
> *interfaces to use those IPs with NAT?*

No, you can multiple internal interfaces without problem. natd only cares about traffic leaving and entering the external interface.

> *Evren*

Tom

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